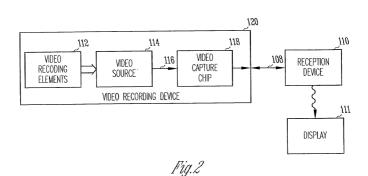
TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE. LINK. INVENTORS NAME: Louis A. Lippincott DOCKET NO: 884.617US1 = 1/6

__100 102 106 110 VIDEO 104 108 RECEPTION VIDEO CAPTURE SOURCE DEVICE DEVICE 111 DISPLAY Fig. 1



TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK: INVENTOR'S NAME: Louis A. Lippincott DOCKET NO.: 884.617US1 =

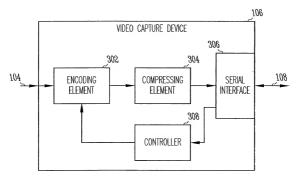


Fig.3

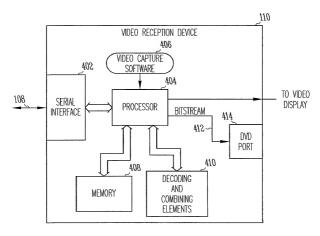


Fig.4

TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK. INVENTORS NAME: Louis A, Lippincott DOCKET NO.: 884.617US1 =

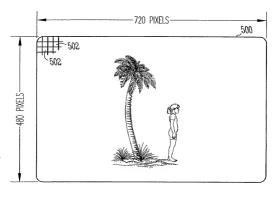
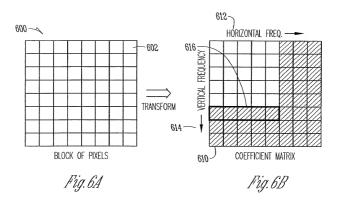


Fig.5



TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK INVENTORS NAME: Louis A. Lippincott DOCKET NO.: 884.617US1 300 4/6 VIDEO CAPTURE TRANSMISSION PROCEDURE 202 RECEIVE ANALOG VIDEO FRAME OF SEQUENCE 704 CONVERT ANALOG VIDEO FRAME TO DIGITAL 706 ENCODE BLOCKS OF PIXELS TO PROVIDE DCT COEFFICIENTS 808 IRST COMPRESS LOW FREQUENCY DCT COEFFICIENTS 710 SEND COMPRESSED LOW FREQUENCY DCT COEFFICIENTS TO RECEPTION DEVICE 712 NO. 718 FRAME SEQUENCE COMPLETE? SWITCH TO HIGH FREQUENCY MODE YES 714 720 RESTART VIDEO COMPRESS HIGH FREQUENCY FRAME SEQUENCE DCT_COFFFICIENTS *31*5 722 RESEND COMPRESSED LOW SEND COMPRESSED HIGH FREQUENCY DCT COEFFICIENTS FREQUENCY DCT COEFFICIENTS FOR FRAMES AT BEGINNING TO RECEPTION DEVICE OF THE SEQUENCE 724 FRAME SEQUENCE COMPLETE? YES STOP

726

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TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK:

INVENTORS NAME: Louis A. Lippincott
DOCKET NO.: 884,6170\$1

=

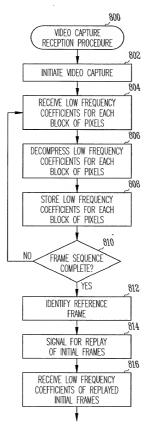


Fig. 8A

- .8 .

TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK.

INVENTORS NAME: Louis A. Lippincott
DOCKET NO: 884.617051 ==

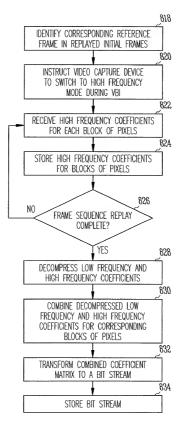


Fig.8B